

ABSTRACT OF THE DISCLOSURE

**METHOD AND SYSTEM FOR INFORMING THE OPERATING SYSTEM IN A
SYSTEM AREA NETWORK WHEN A NEW DEVICE IS CONNECTED**

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A method and system are provided for dynamically informing an operating system (OS) of a distributed computer system, when a (new) device is added on the network. An OS registers with the subnet administrator (SA) to be notified when a new component is added to the subnet and placed in a partition to which the OS has access. The subnet manager (SM) initializes and configures the new component that is added and, through the partition manager, associates the component to one or more partitions of the subnet. The SA then notifies the OSs with access to the partition(s) to which the component is associated and that have a right to access the new component that the new component is available to the OS. Following, the OS updates a database of available components to include the new component and establishes communication with the new component.

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